

Abstract of the Disclosure

Sub A2
A temperature measuring device is provided with which accurate temperature measurement is possible even when used in conditions of ice and snow, to which ice and snow do not readily adhere, and with which even when ice and snow do adhere, the temperature measuring device itself is not damaged, and the engine, or the like, are not damaged when the ice and snow detach.

In order to achieve this object, the present temperature measuring device measures the total temperature T_1 of an airflow based on the measured temperature T of the airflow flowing over the surface of an approximately blade-shaped casing arranged within the airflow flowing into an engine of the aircraft. The shape of the casing is set such that lumps of ice and snow which form on a surface of the casing in conditions of ice and snow, and which detach from the casing and strike the engine detach at a stage of growth at which they do not cause damage to the engine.

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